



SANY
我们的深度决定世界的高度
Our drilling depth determines the height of the world



W10

SR365R

2020 Rotary Drilling Rig

**Excellent performance
High efficiency**



Follow us on Wechat and contact us
Support hotline. 4006 09 8318
Email: crd@sany.com.cn

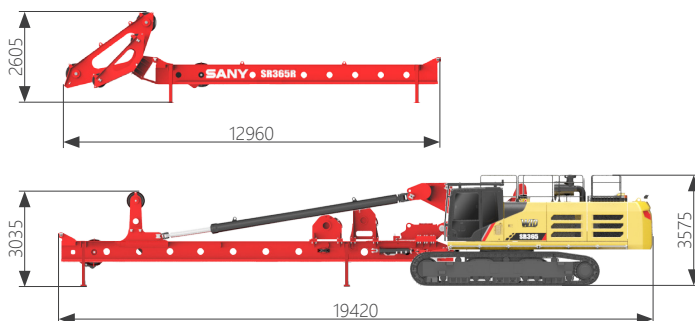
- Max. drilling diameter 2.5/2.2m
- Max. drilling depth 100/65m
- Rated output torque 365kN·m
- Engine power 300kW/1800rpm

Main performances	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	2500/2200	①
Max. drilling depth	m	100/65	②
Rotary drive			
Rated output torque	kN · m	365	
Rotation Speed	rpm	5~23	
Crowd system			
Crowd force	kN	340	
Line pull	kN	360	
Stroke	mm	9000/18000	
Main winch			
Lifting capacity	kN	390	
Wire rope diameter	mm	36	
Max. line speed	m/min	65	
Auxiliary winch			
Lifting capacity	kN	90	
Wire rope diameter	mm	20	
Max. line speed	m/min	70	
Mast inclination			
Forward/backward	°	90/15	
Lateral	°	±3	
Main Chassis			
Base engine	/	ISUZU 6WG1	
Engine power	kW/rpm	300/1800	
Emission regulation	/	COM III	
Engine displacement	L	15.68	
Chassis length	mm	7850	
Extension width	mm	4860	
Track shoe width	mm	800	
Swing radius	mm	4705	
Overall machine			
Overall height	mm	27105	
Operating weight	t	131	
Transport width	mm	3530	
Transport height	mm	3575	

①: uncased/cased

②: friction kelly depth / interlocking kelly depth

Kelly bar	Weight(Kg)	Depth(m)	Option
Inter-locking kelly	Φ530 × 4 × 16	15200	Standard
	Φ530 × 4 × 17	16100	
	Φ530 × 4 × 18	16900	
Friction kelly	Φ530 × 6 × 17	16900	Standard
	Φ530 × 6 × 18	17400	



Efficient construction: Large displacement, high power main pump, system flow can be well distributed by priority control technology to achieve strong output of the actuator, and the compound action is excellent.

Economical and energy saving: By collecting big data, the average comprehensive fuel consumption is lower than that of similar models in the industry.

High reliability: The whole machine design standard is high, the design life of structural parts > 20,000 hours.

The sixth generation of Kelly bar: Integrated locking device, upgraded material, reinforced ring and other design, increase strength by 25%.

Full casing construction method: Has half and full pressure stroke; 9 meters half stroke suitable for multistage combined casing drilling construction and 18 meters full stroke targeted at the soft formation of single section ultra-long casing construction.

Innovative Technology:

- 1) HD touch screen, refresh frequency 3ms, no visual delay.
- 2) The display function of the locking device can accurately display and guide the locking and unlocking of the Kelly bar locking device, which reduces the wear and eliminates the accident. SANY owns the patent of this technology.
- 3) Roller bit auto drilling function: Set the speed of rotary drive to realize automatic drilling.
- 4) Wire rope pre-tensioning technology: The pre-tensioning force is always applied on the main rope to avoid random rope and twisting.

Convenient maintenance: Automatic centralized lubrication and combined counterweight, reduce dismantling time and improves transfer efficiency.

